

TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

FROM: Fazle Khan, MBBS, MPH., Chief  
Office of Surveillance

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Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) April 2002  
(through week 17 ending April 27, 2002)

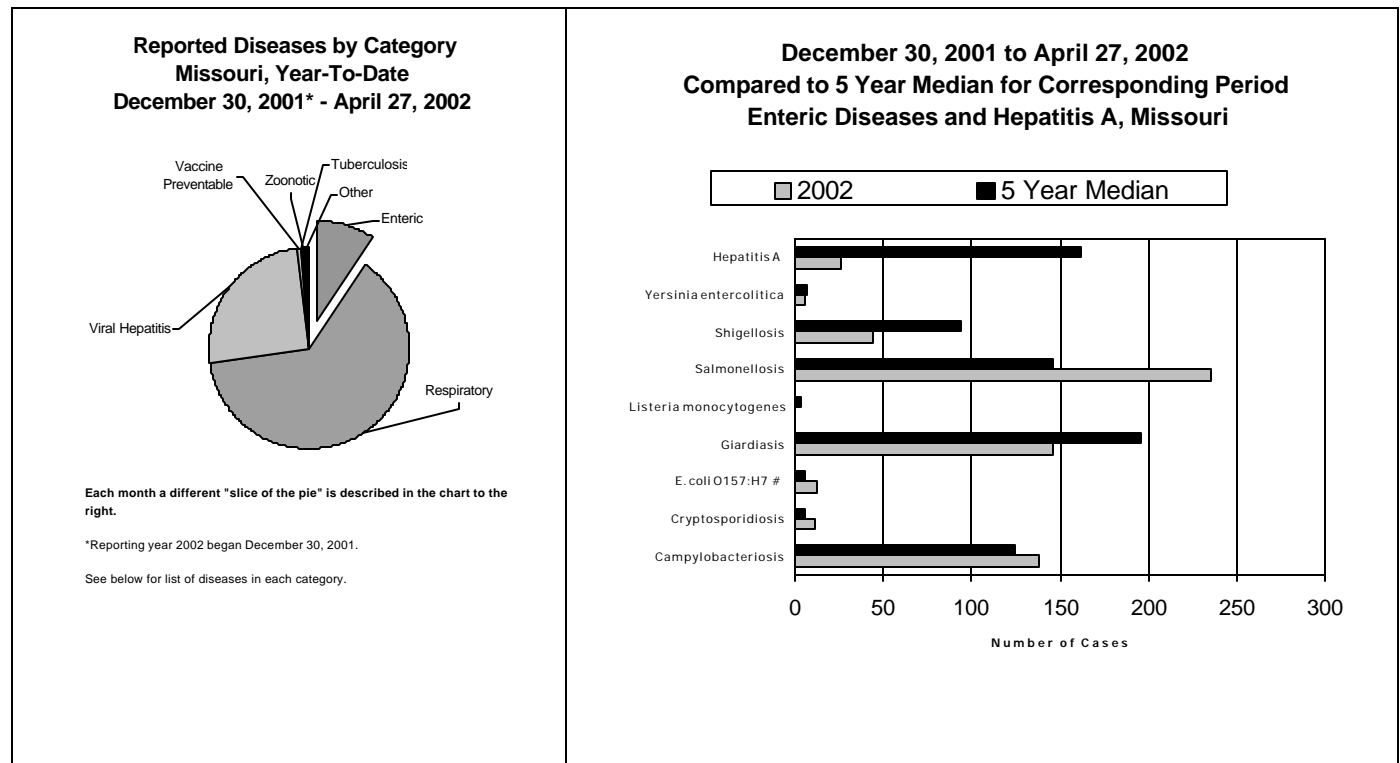
DATE: May 13, 2002

The Office of Surveillance and the Section of Communicable Disease Control and Veterinary Public Health publish a monthly update on selected reported communicable diseases. This information may also be found on the Missouri Department of Health and Senior Services homepage at [www.dhss.state.mo.us](http://www.dhss.state.mo.us) under Resources/Diseases Directory/Reports.

Educational literature may also be found at this web site in the Publications Section.

The after hours emergency number for the Missouri Department of Health and Senior Services is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health and Senior Services at (800) 392-0272.

## Monthly Communicable Disease Update, April, 2002 (Provisional Data)



### Reported Cases of Selected Diseases by Category

	2002 Apr	2002 YTD	2001 YTD	5 Year Median YTD	% Change 5 Year Median	Number of Cases, April 2002 by Health District							
						CD	ED	NE	NW	SE	SW	Unk	
Enteric Diseases													
Campylobacteriosis	37	137	124	124	+	10.48%	4	17	0	4	4	6	2
Cryptosporidiosis	1	11	7	6	+	83.33%	0	0	0	1	0	0	
E. coli O157:H7 #	3	13	7	6	+	116.67%	0	0	0	1	2	0	
Giardiasis	59	146	207	195	-	25.13%	7	33	1	11	2	5	
Listeria monocytogenes	0	1	1	3	-	66.67%	0	0	0	0	0	0	
Salmonellosis	43	235	117	145	+	62.07%	3	18	1	6	7	8	
Shigellosis	7	44	83	94	-	53.19%	1	5	0	0	0	1	
Yersinia enterocolitica	0	6	8	7	-	14.29%	0	0	0	0	0	0	
Respiratory													
Influenza (Lab Confirmed)	513	3923	1835	1071	+	266.29%	31	257	18	130	57	20	
Legionellosis	1	5	8	6	-	16.67%	0	1	0	0	0	0	
Viral Hepatitis													
Hepatitis A	6	26	27	161	-	83.85%	0	3	0	0	3	0	
Hepatitis B	10	47	48	52	-	9.62%	0	5	0	3	0	1	1
Hepatitis C (Acute)*	3	6	1	na		na	0	0	0	1	0	2	
Hepatitis C (Other)*	395	1505	3555	na		na	60	128	4	57	65	80	1
Vaccine Preventable													
Mumps	0	3	0	1	+	200.00%	0	0	0	0	0	0	
Pertussis	4	37	34	14	+	164.29%	0	3	0	1	0	0	
Tuberculosis													
Tuberculosis Disease	7	25	34	52	-	51.92%	1	1	0	0	2	3	
Zoonotic													
Ehrlichiosis	1	3	4	0	+	~	0	0	0	1	0	0	
Lyme Disease	0	3	5	5	-	40.00%	0	0	0	0	0	0	
Rocky Mtn Spotted Fever	4	12	8	1	+	1100.00%	0	2	0	0	0	2	
Tularemia	0	2	0	0	+	~	0	0	0	0	0	0	
Other													
HIB Disease	0	2	9	7	-	71.43%	0	0	0	0	0	0	
Malaria	2	6	3	3	+	100.00%	0	0	0	1	0	1	
Meningococcal Disease	4	26	24	40	-	35.00%	3	0	0	0	0	1	

\*Hepatitis C became reportable in 1997; it was previously included in Hepatitis Non A, Non B.

Hepatitis C (Other) represents positive tests (HCV EIA, RIBA, or PCR) but did not meet CDC's case definition for acute Hepatitis C.

Reportable diseases of very low incidence (<10 cases in previous year) are not included.

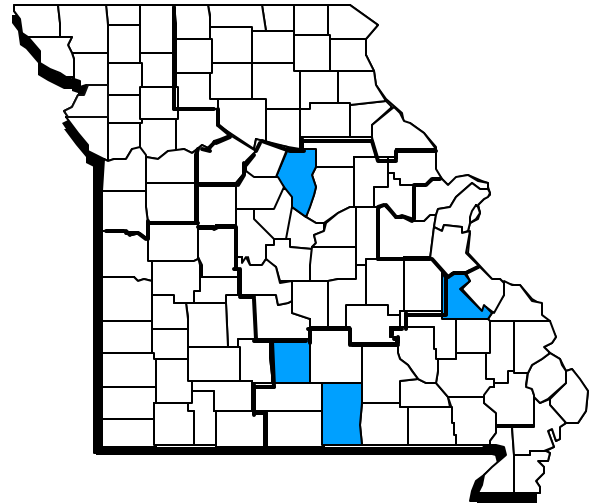
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## Monthly Communicable Disease Update, April, 2002 (Provisional Data)

### Confirmed Rabies in Animals

Species	April		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	61	0	198	0
Cat	36	0	154	0
Bat	29	1	65	1
Skunk	5	3	16	6
Fox	1	0	3	0
Cow	4	0	8	0
Horse	2	0	4	0
Ferret	0	0	3	0
Raccoon	8	0	38	0
Rodent/Rabbit	10	0	24	0
Other Domestic	1	0	1	0
Other Wild	1	0	13	0
Exotic	0	0	0	0
Unknown	1	0	1	0
Total	159	4	528	7

Confirmed Animal Rabies in Missouri  
By Health District  
December 30, 2001 - April 27, 2002



Counties Under Rabies Alert: Howell

### Active Surveillance System

Local health agencies have established surveillance sites that report clinical syndromes and demographic information. This system is intended to rapidly assess changes in the community's health.

The Department of Health and Senior Services has developed an enhanced surveillance system to detect and initiate timely response to biological, chemical or radiological terrorism events. Implementation of the High Alert Surveillance System (HASS) has replaced the Sentinel Active Surveillance System (SASS). The Office of Surveillance runs a daily flagging report to detect aberrations in the data. The Office of Surveillance also provides a weekly feedback report to participating sites. If you would like to become a HASS site, please contact your local health agency.

### 2000 Census Population by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
721,996	1,940,293	256,339	1,311,453	551,105	814,025